GFE Job Sheet 3: Populating the Grids

Objective

This job sheet will show the user how to populate and load model fields and grids into GFE.

NOTE: You must complete the last step of Job Sheet #2 before proceeding.

Procedures

A. Populating using the *"Copy All Grids From"* selection.

1. Select *Populate* from the menu bar.

GFE	WeatherElement	Populate	Grids	Edit	Consistency	Products	Maps	Edit Areas	Verify

2. Select *Copy All Grids From*, and select one of the model data sources, like *Eta* or *Mrf* and click *Ok*.

You have now populated the weather elements that were chosen in the previous lab. The weather element fields within the grid manager will turn green with hash marks. Those hash marks will disappear when you begin working with the data in the next part of the lab.
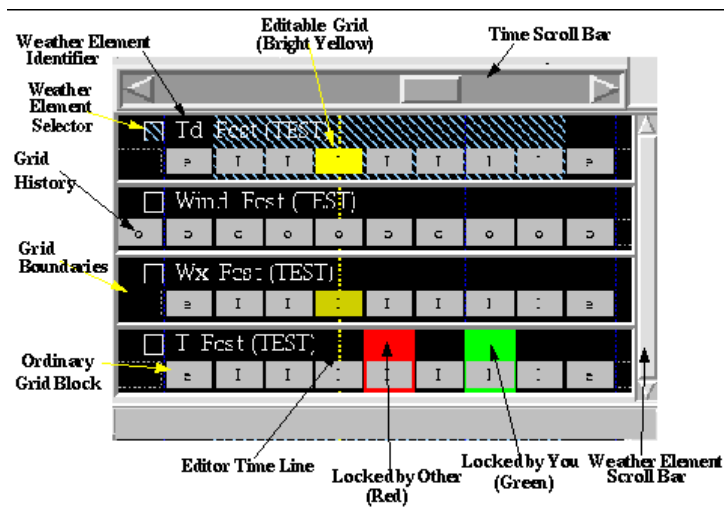
You also have the option of copying selected grids by choosing the *Copy Selected Grids From* feature under the *Populate* pull down menu. But first, you have to choose the weather elements and time range you want to populate. The following procedures will show you how to do this.

B. Selecting Weather Elements

1. Start off by deselecting all weather elements that are currently selected in the Grid Manager (identified by blue hash marks). To do this, position the mouse pointer in the Time Scale area located at the top of the grid manager, *right click*, and choose *Deselect All* from the pop-up menu.

Today	Tonight	Tomorrow	Tomorrow Night	Day 3
May 17 (Thu)		May 18 (Fri)	May 19 (Sat)	May 2
06	12	18	06	12	18	06	12	18	06

2. Select a single weather element by clicking on the *Weather Element Selector* (small square box) located to the left of the weather element name within the Grid Manager.

OR

1. If you want to select all of the weather elements, then select *Grids* at the top menu bar, then click *Select All Weather Elements.*

OR

1. Click the *right mouse button* within the Time Scale of the Grid Manager, then choose *Select All Weather Elements.*

C. Selecting a Time Range.

You have selected the element(s), but before you can work with them, you must also choose a time range.

1. Inside the Time Scale of the Grid Manager, press and hold the *left mouse button* and *sweep* your mouse over the desired time range (any range should work for this exercise).

2. Release the left mouse button once you have selected the desired time range.

OR

1. Select *Grids* from the main menu bar.

2. Then choose the *Select Grids By Time* selection.

3. Select one of the time ranges in the drop-down window. You might have to scroll the time scroll bar to see the selection you made.

OR

1. Click the *right mouse button* within the Time Scale of the Grid Manager, then choose *Select Grids By Time* to obtain the time range menu.